



## Maheen Mausoo Adamson

- Clinical Professor (Affiliated), Neurosurgery
- Staff, Neurosurgery

### Bio

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#### BIO

Dr. Maheen Mausoo Adamson is a Clinical Professor of Neurosurgery (Affiliated) at Stanford School of Medicine, Director of Research for Women's Operational Military Exposure Network Center of Excellence (WOMENCOE), and Senior Scientist for Rehabilitation Services at VA Palo Alto Healthcare System. Adamson completed her undergraduate degrees in neurobiology and women's studies at the University of California, Irvine. She completed her Ph.D. in neuroscience from the University of Southern California and a postdoctoral fellowship in Psychiatry and Behavioral Sciences at Stanford School of Medicine. She also has a Masters in Healthcare Leadership from the School of Public Health from Brown University and is a faculty fellow for Stanford Byers Biodesign Program.

Dr. Adamson's expertise and interests span employing translational neuroscience methodologies for diagnostic and neuromodulation treatments (such as repetitive Transcranial Magnetic Stimulation (rTMS)) for frequent health problems in patients with Traumatic Brain Injury (TBI), psychiatric problems, and Alzheimer's disease. She has employed advanced structural and functional imaging modalities and biomarker assessments for treatment response and diagnosis in Veteran, active military, and civilian populations with these health problems. She has been a leader in identifying sex/gender differences in brain injury, particularly in the Veteran population. She currently serves as PI and Site-PI on numerous neuromodulation clinical trials and collaborates internationally to develop advanced diagnostic methods in neuroimaging, especially in underserved communities. As Director of the Adamson Lab, she is actively involved in translating research, such as neuromodulation and virtual and augmented reality, into clinical settings.

In her new role as Research Director of WOMENCOE, she is developing the research and education center to investigate and disseminate findings on the impact of military environmental exposure on reproductive health, cancer, psychiatric illness, cognitive decline, and other women's health issues. This network is funded by the VA Health Outcomes Military Exposure Center.

Dr. Adamson has authored numerous peer-reviewed publications on the cognitive and neural basis of Alzheimer's disease and a wide range of topics in TBI. She has received recognition in national and international settings and serves on several editorial and industry advisory boards. She is also intricately involved in mentoring research postdoctoral fellows and clinical residents in the Physical Medicine & Rehabilitation, Psychiatry, and Neurosurgery departments at Stanford School of Medicine.

#### INSTITUTE AFFILIATIONS

- Member, Wu Tsai Human Performance Alliance